



Exam Details for the
SNIA Storage Networking
Assessment, Planning & Design Exam (S10-310)

Exam Title:

SNIA Storage Networking Assessment, Planning & Design (S10-310) exam

Exam details:

60 questions in 90 minutes and a pass score of 69%

Exam Delivery:

Computer based test at all Prometric testing centres worldwide. Exam available in English only.

Credential Awarded:

SNIA SCSA (Architect) Credential : Successful completion of the CompTIA Storage+ Powered by SNIA exam and the S10-310 Assessment, Planning & Design exam

Exam Purpose:

This certification exam certifies that the successful candidate has vendor neutral knowledge, skills, and abilities necessary to assess, plan and design storage and storage networking solutions based on business requirements leveraging industry best practices.

Intended Exam Audience:

Job Position	Primary Job Responsibilities
Storage Architect	<ul style="list-style-type: none"> Examines data and information from the requirements perspective Provides hardware/software resolution Design best storage practices for a client's infrastructure Create proposals based on business requirements Creating/responding to RFPs
Sales Engineer/consultant	<ul style="list-style-type: none"> Prepare recommendations Understand customer requirements Translate customer requirements into an architected solution Create proposals based on business requirements Responding to RFPs

Pre-requisites and recommended training materials:

- CompTIA Storage+ Powered by SNIA exam (prerequisite to pass)
 SNIA training courses (recommended but optional)
- CompTIA Storage+ Powered by SNIA
 - SNIA Storage Networking Management and Administration course
 - SNIA Storage Networking Assessment, Planning, and Design course
 - SNIA Conferences and Hands-on labs
 - SNIA recommended e-books and video content
 - SNIA tutorials
 - SNIA Dictionary

Domains covered by the Exam:

Section 1 Core Architect Skills

- Objective 1.1 Demonstrate knowledge of solution design
- Objective 1.2 Describe data types
- Objective 1.3 Describe the primary elements of an appropriate design solution

Section 2 Capacity Concepts

- Objective 2.1 Demonstrate knowledge of storage capacity management
- Objective 2.2 Demonstrate knowledge of capacity forecasting

Section 3 Performance Concepts

- Objective 3.1 Demonstrate knowledge of architecting high performance storage solutions
- Objective 3.2 Demonstrate knowledge of providing solutions based on latency/delay requirements

Section 4 Security Concepts

- Objective 4.1 Describe how to design appropriate storage security solutions
- Objective 4.2 Describe where to incorporate storage encryption

Section 5 Virtualization Concepts

- Objective 5.1 Demonstrate knowledge of designing storage virtualization
- Objective 5.2 Demonstrate knowledge of designing storage network virtualization
- Objective 5.3 Demonstrate knowledge of designing storage for server virtualization

Section 6 Data Protection Strategies

- Objective 6.1 Describe general operational characteristics
- Objective 6.2 Demonstrate knowledge of selecting an appropriate backup/restore solutions
- Objective 6.3 Demonstrate knowledge of selecting the appropriate solution for data protection
- Objective 6.4 Demonstrate knowledge of designing data integrity

Section 7 Cloud Storage Concepts

- Objective 7.1 Demonstrate knowledge of cloud storage
- Objective 7.2 Demonstrate knowledge of cloud storage design